

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(3C3D6E) Hex(42438F) Hex(533C6E) Hex(323338) Hex(000378) Hex(0005F7)

	Hex(3C3D6E)	Hex(42438F)	Hex(533C6E)	Hex(323338)	Hex(000378)	Hex(0005F7)
Hex(3C3D6E)		Ratio: 1.17 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(42438F)	Ratio: 1.17 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(533C6E)	Ratio: 1.07 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(323338)	Ratio: 1.25 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(000378)	Ratio: 1.62 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.84 Failed ⁵
Hex(0005F7)	Ratio: 1.13 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.84 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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